

FIG. 1

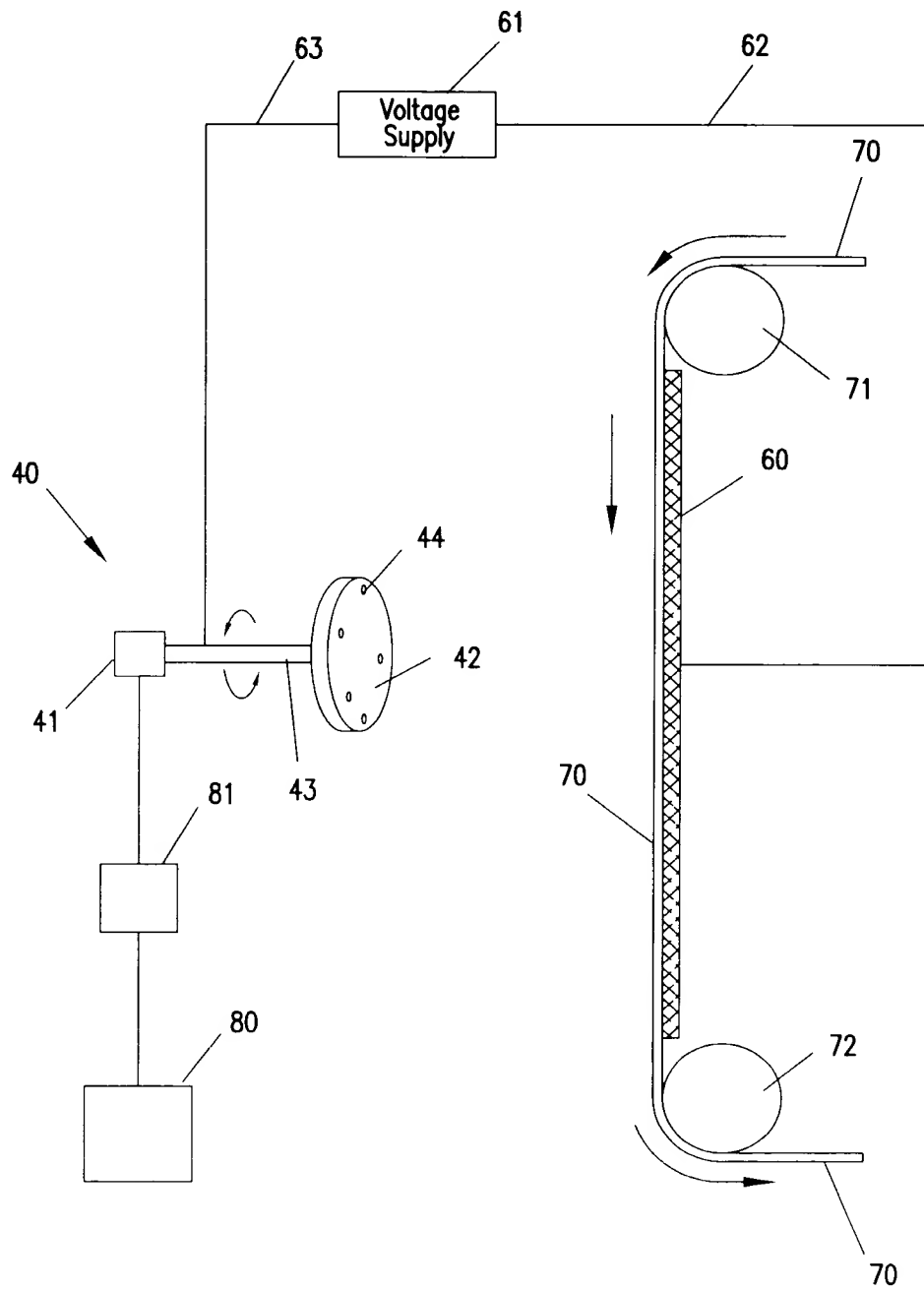


FIG. 2

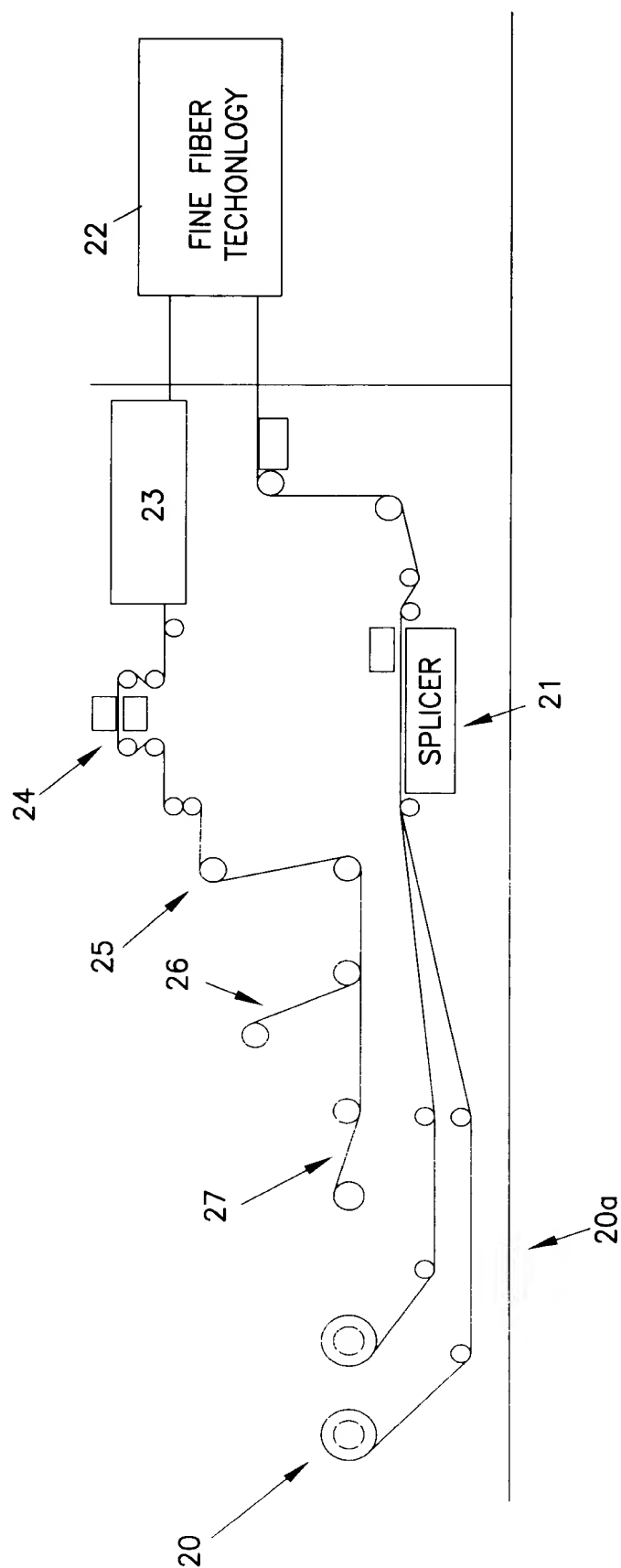
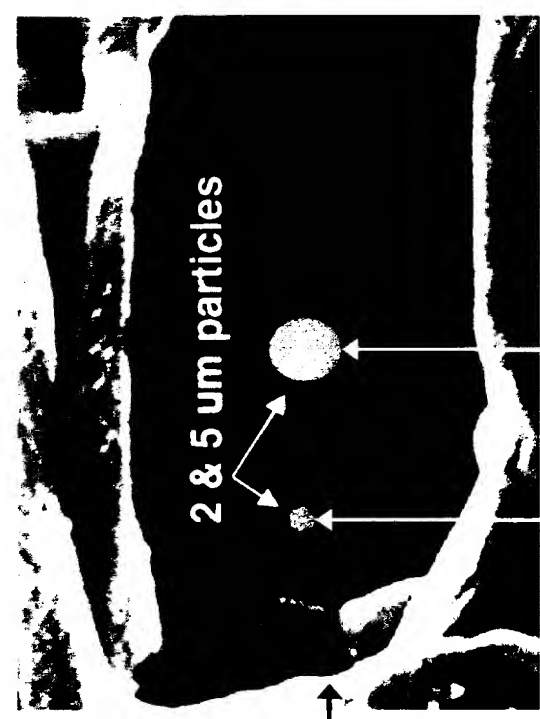


FIG. 3A

Cellulose Media



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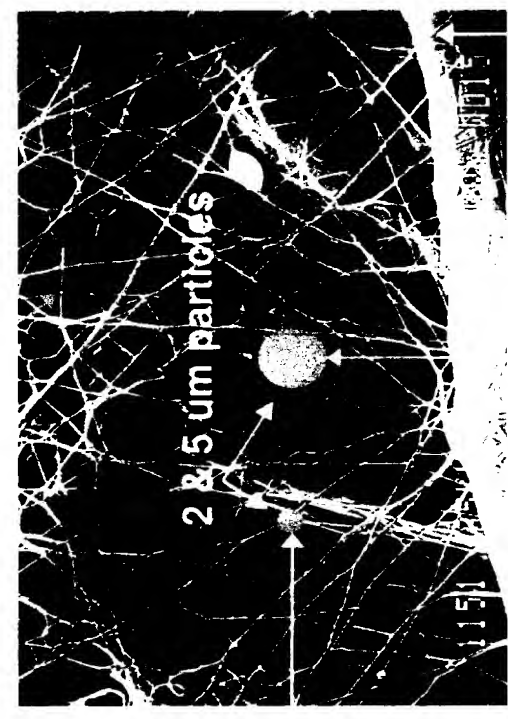
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FIG. 3B

Ultra-Web



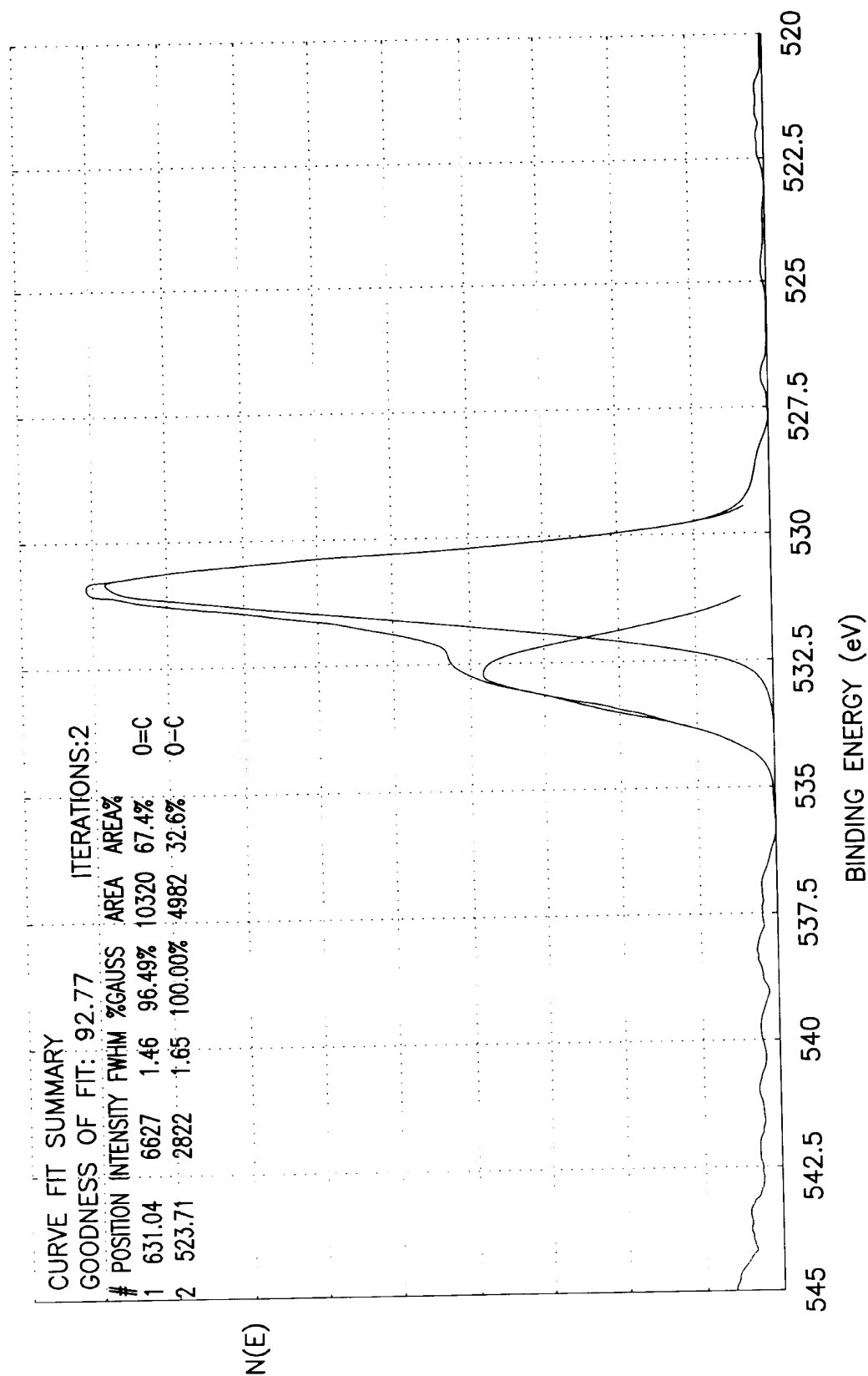
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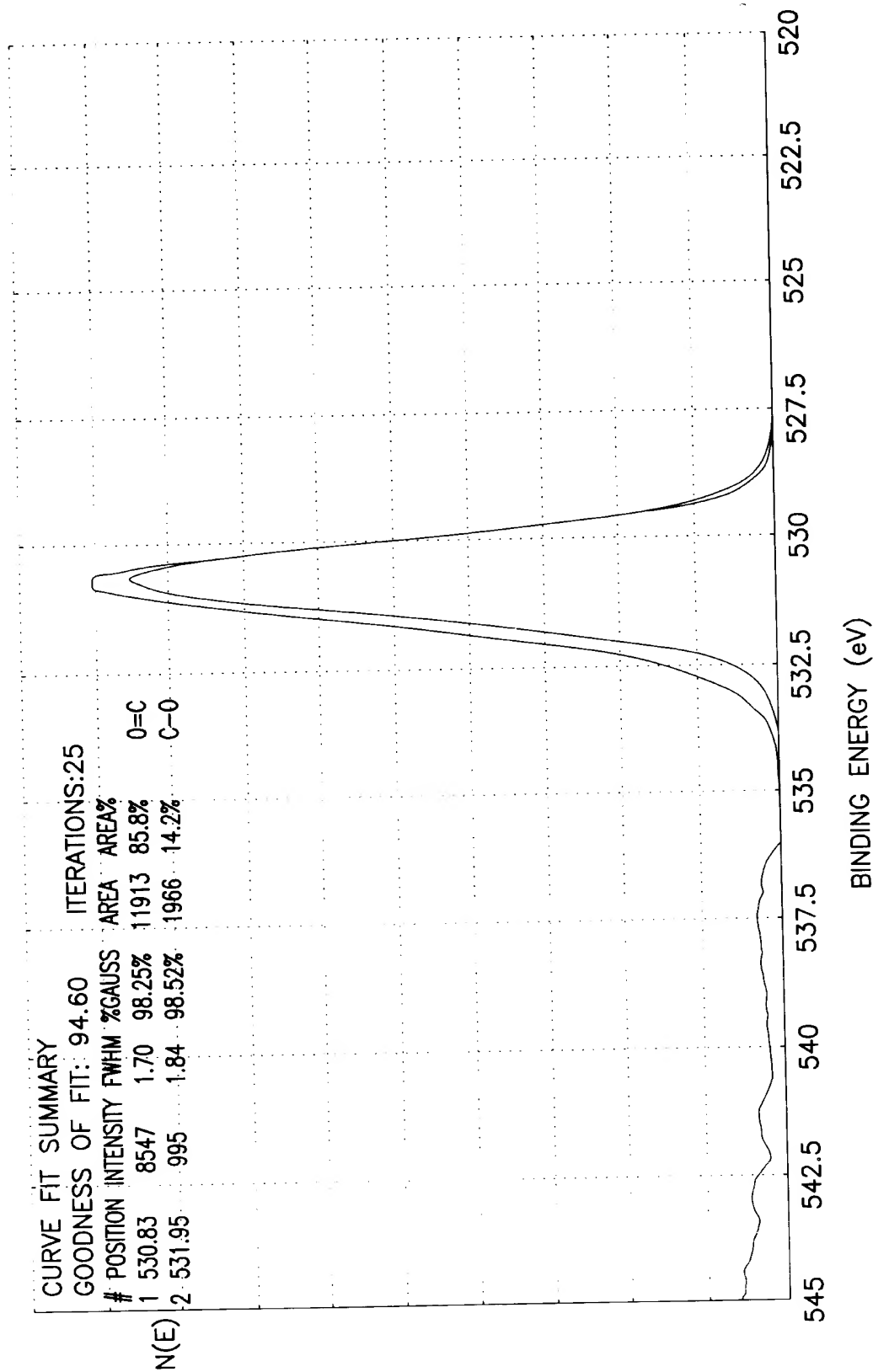
2,000 X Scanning Electron Microscope Images

ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN



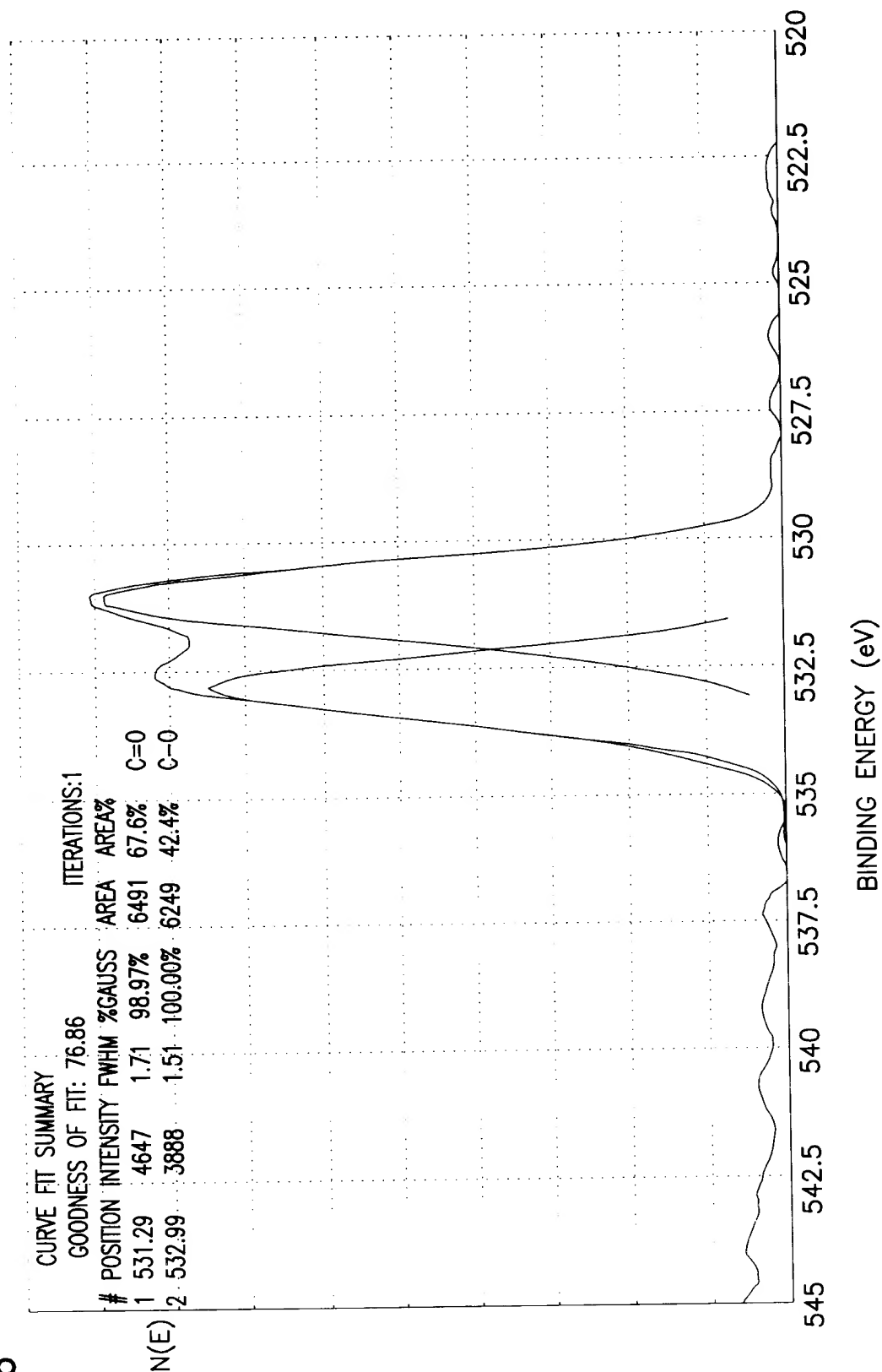
ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A

FIG.5



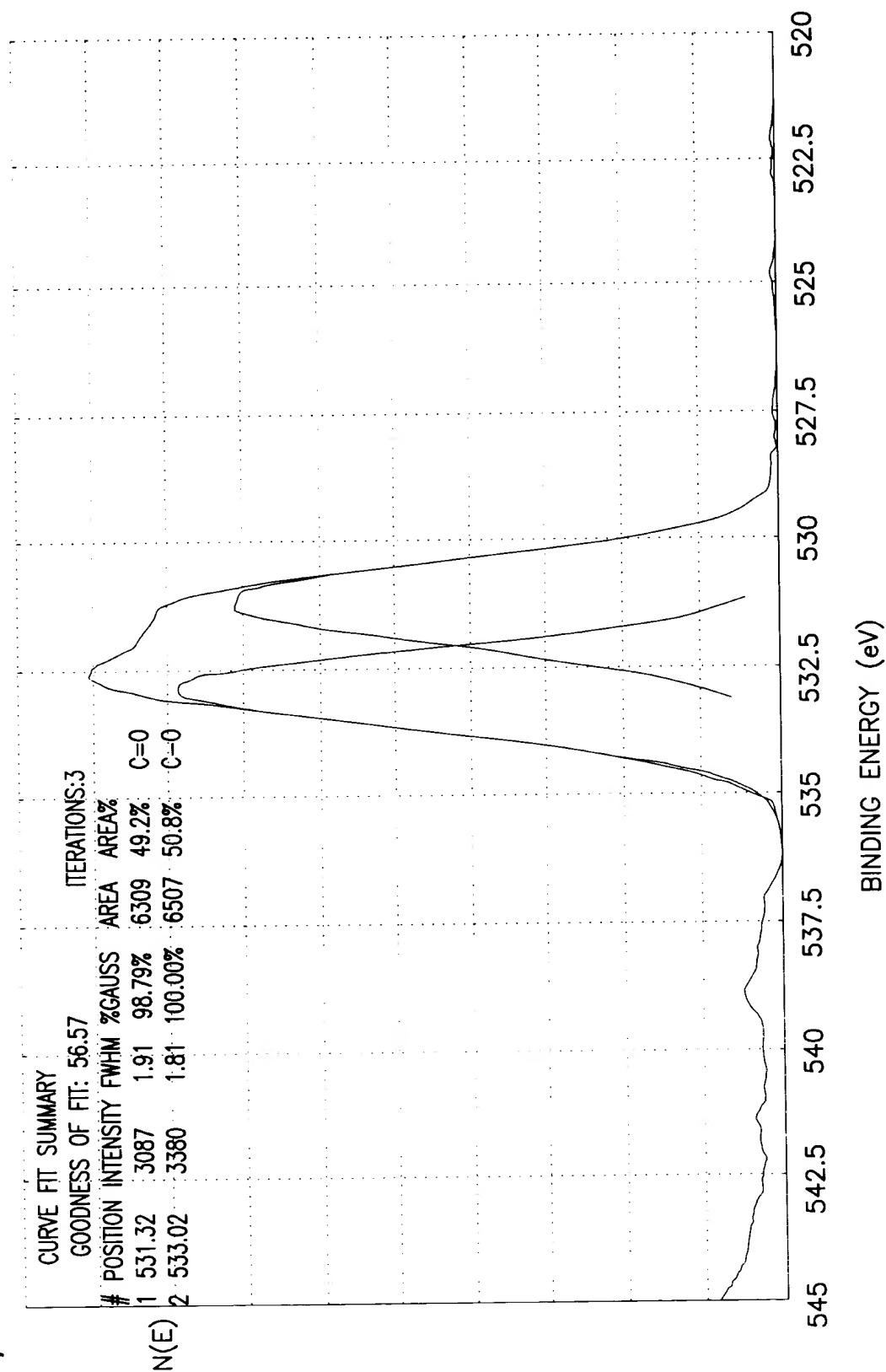
ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B

FIG. 6



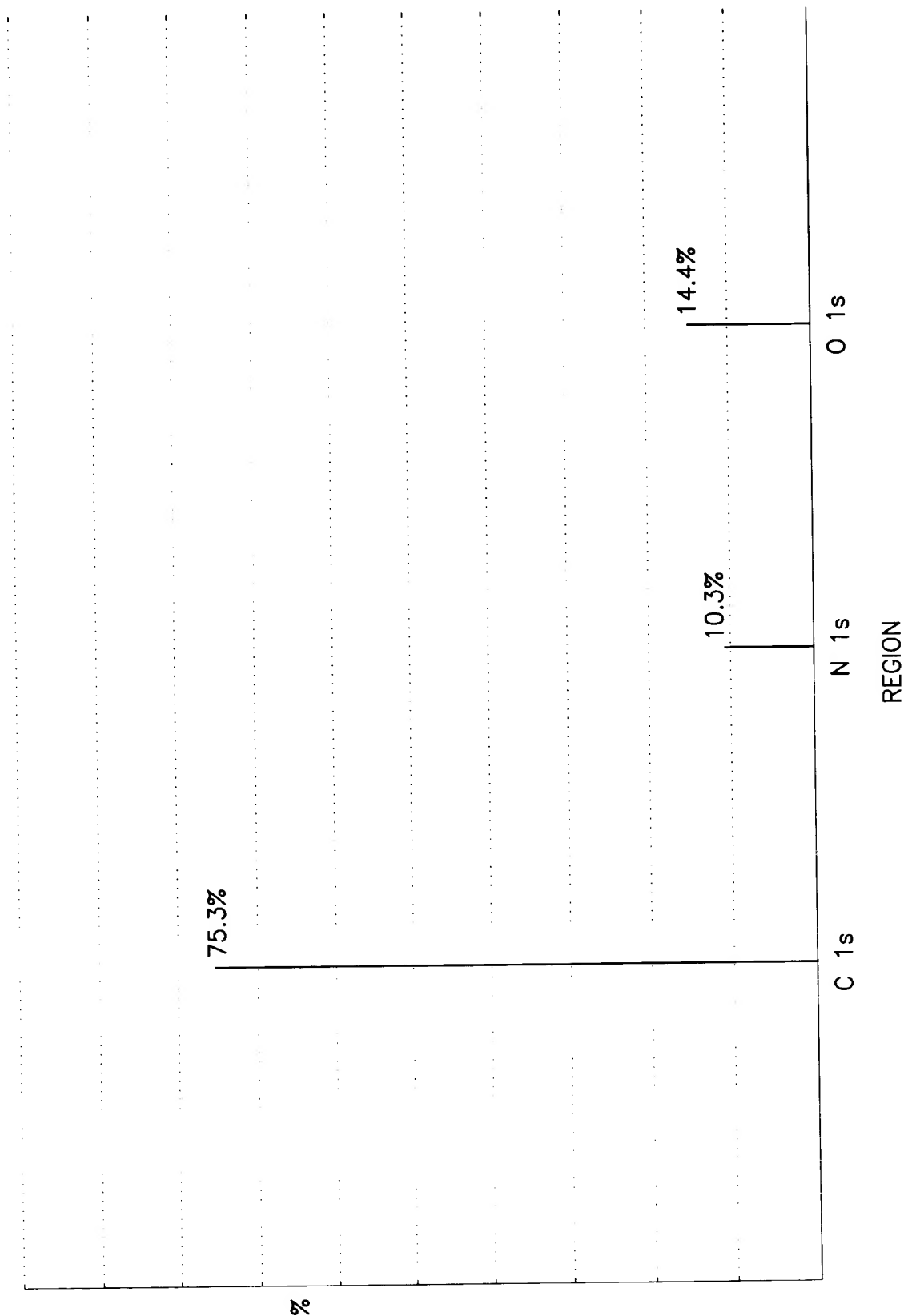
ESCA O1s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

FIG. 7

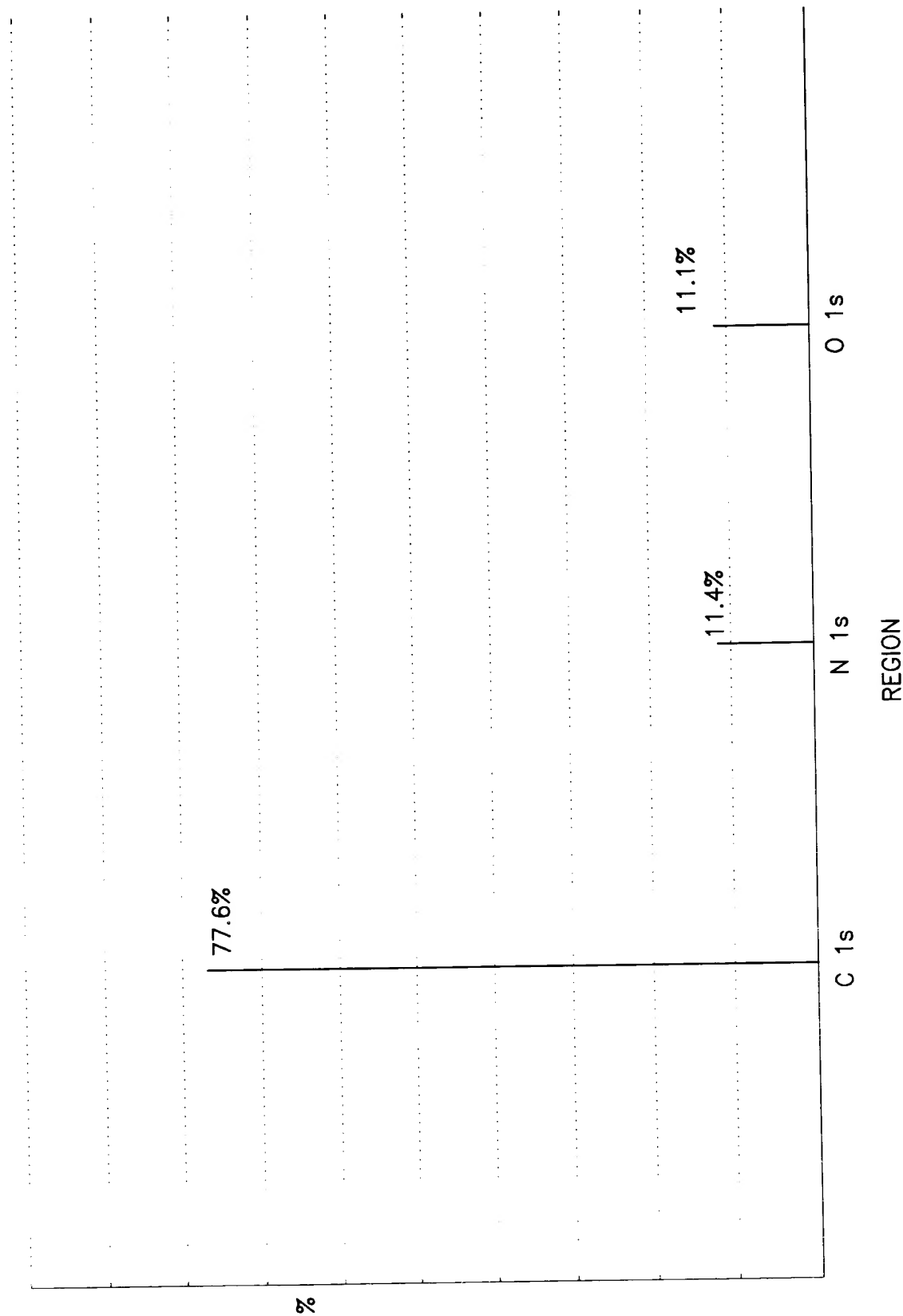


ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A

FIG. 8

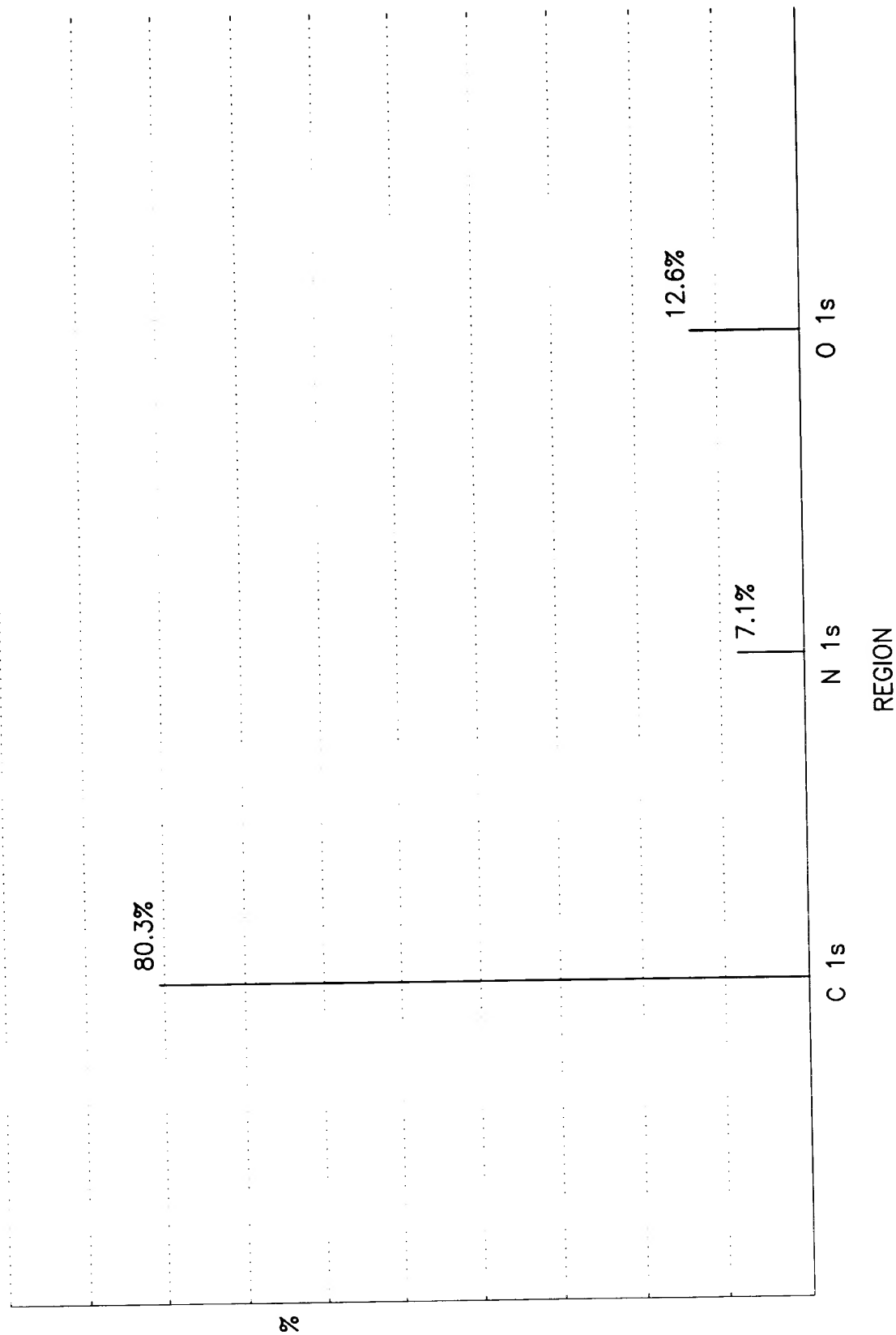


ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B

FIG.10



ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

FIG. 11

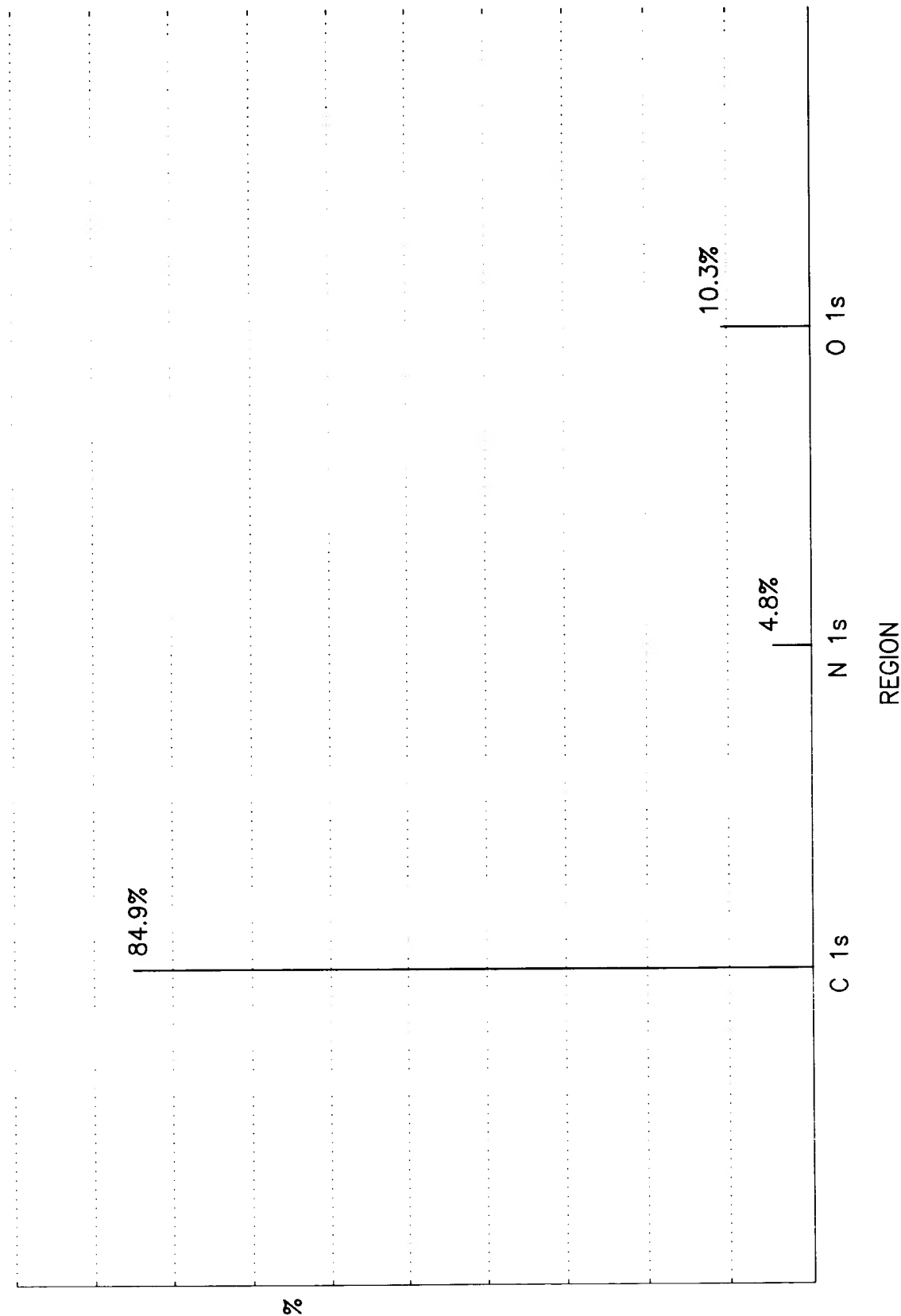


FIG.12

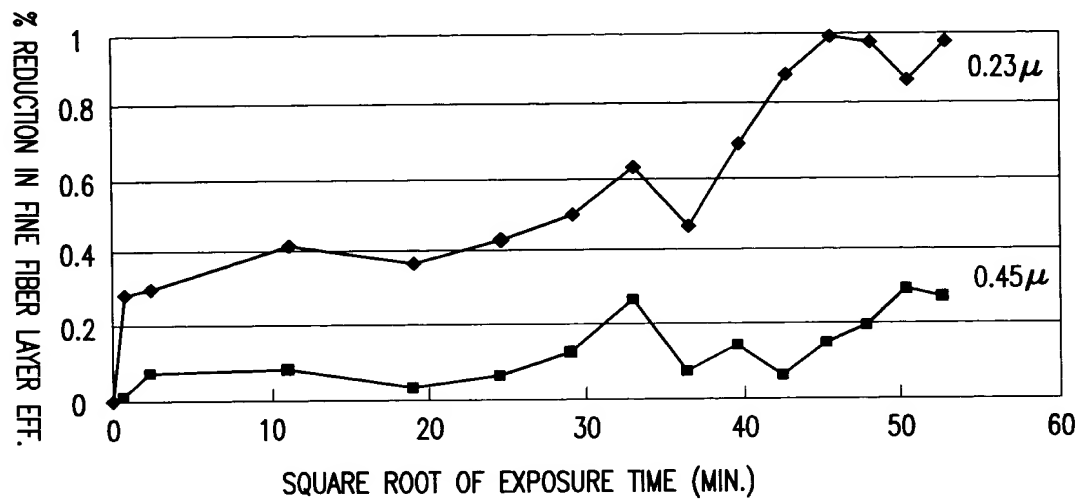


FIG.13

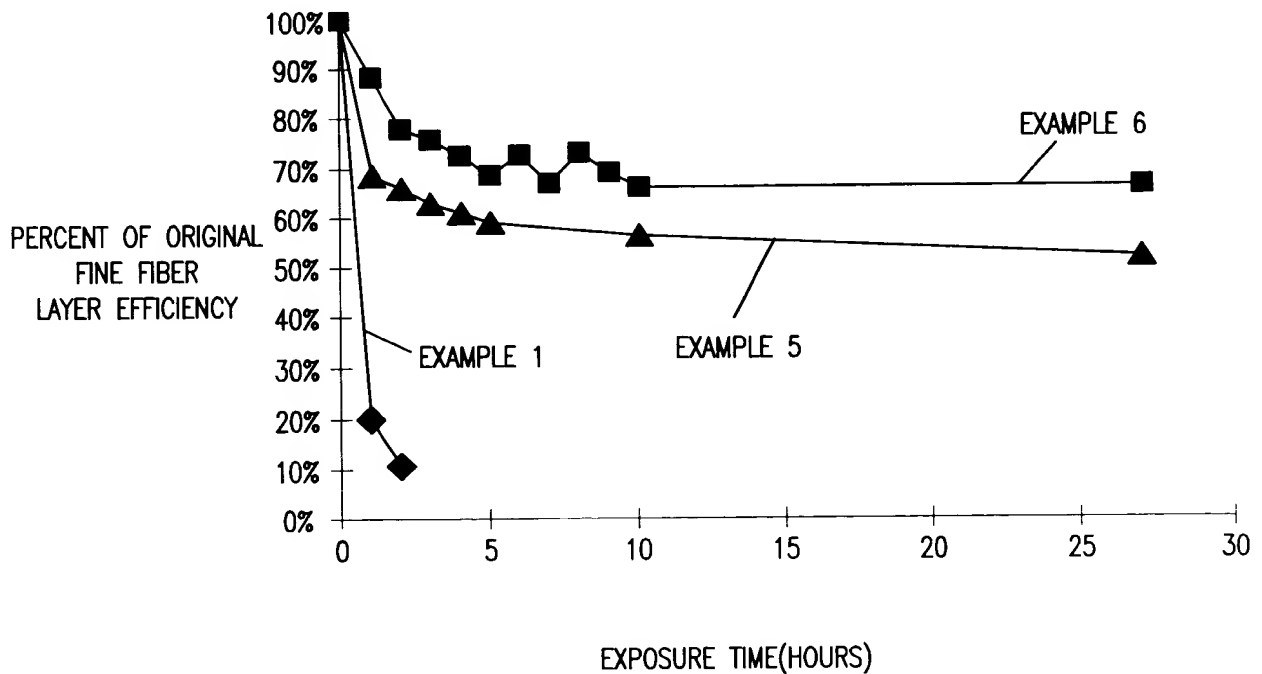


FIG.14

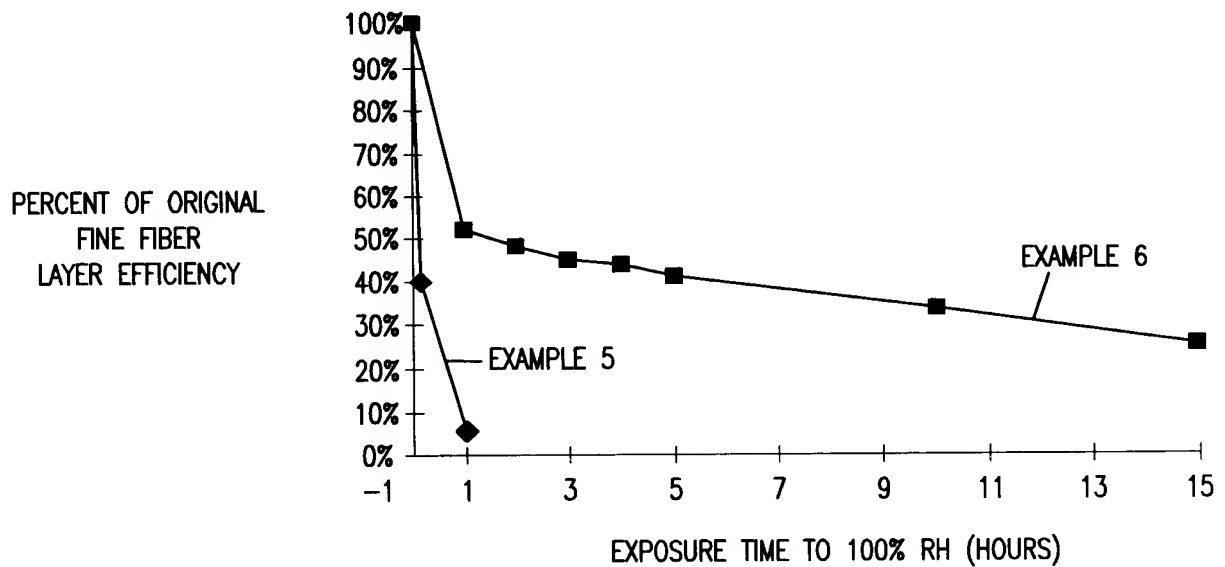


FIG.15

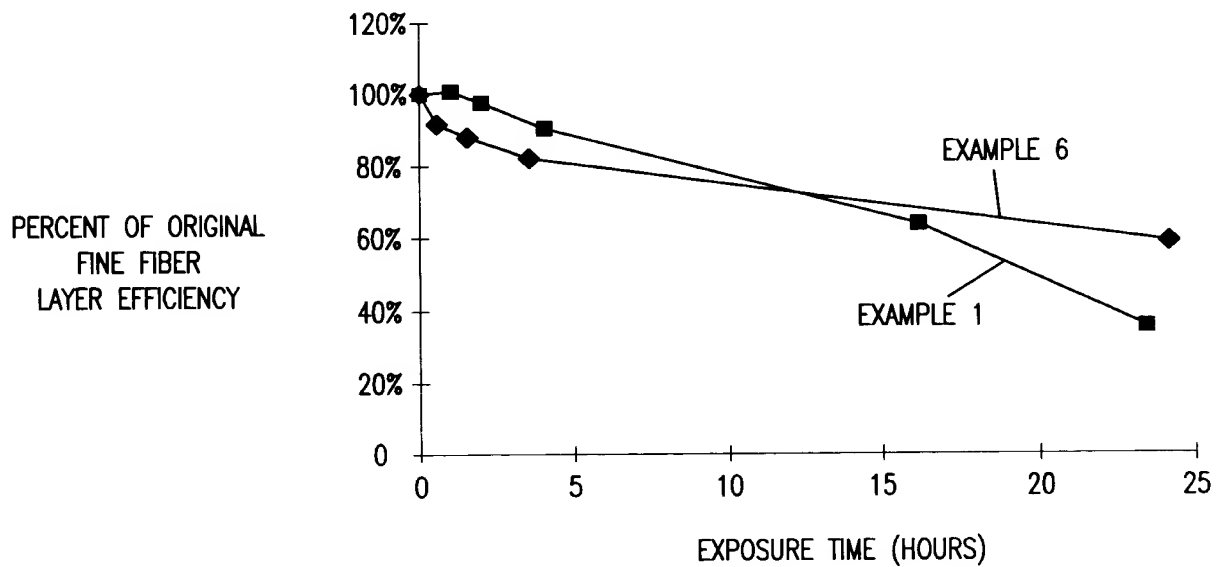
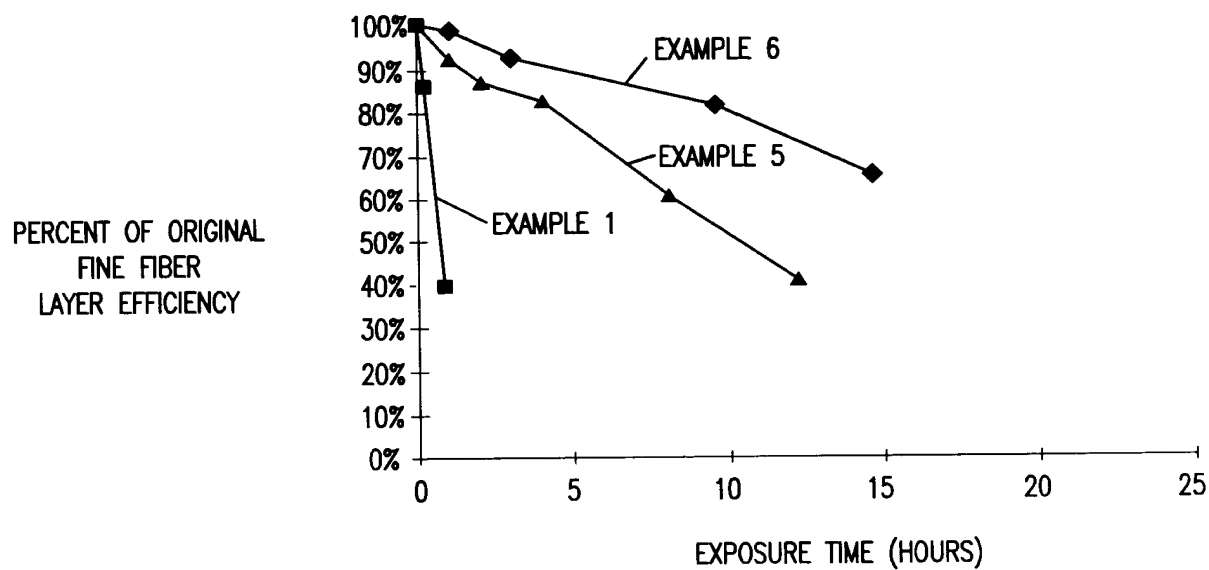
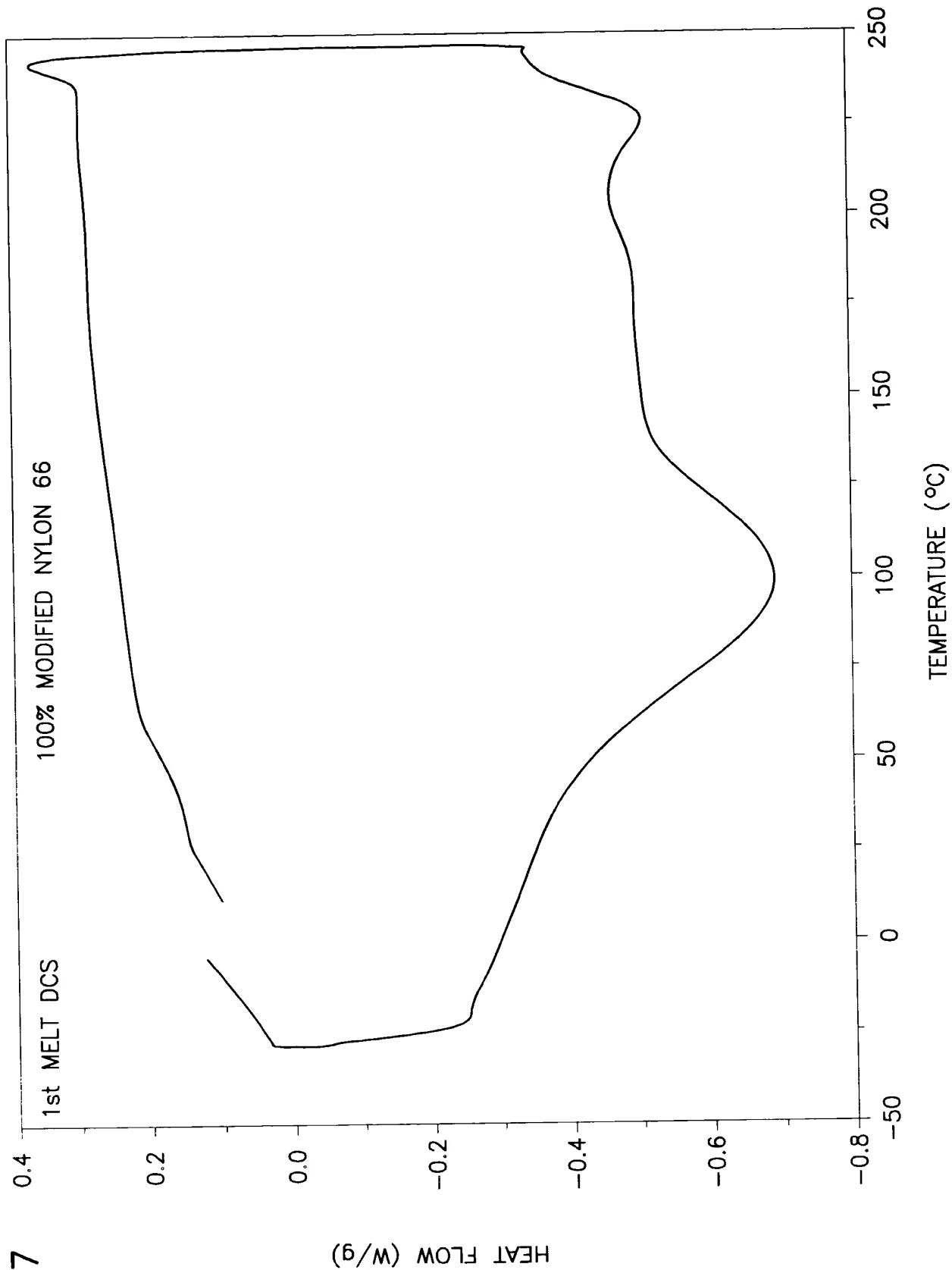


FIG.16





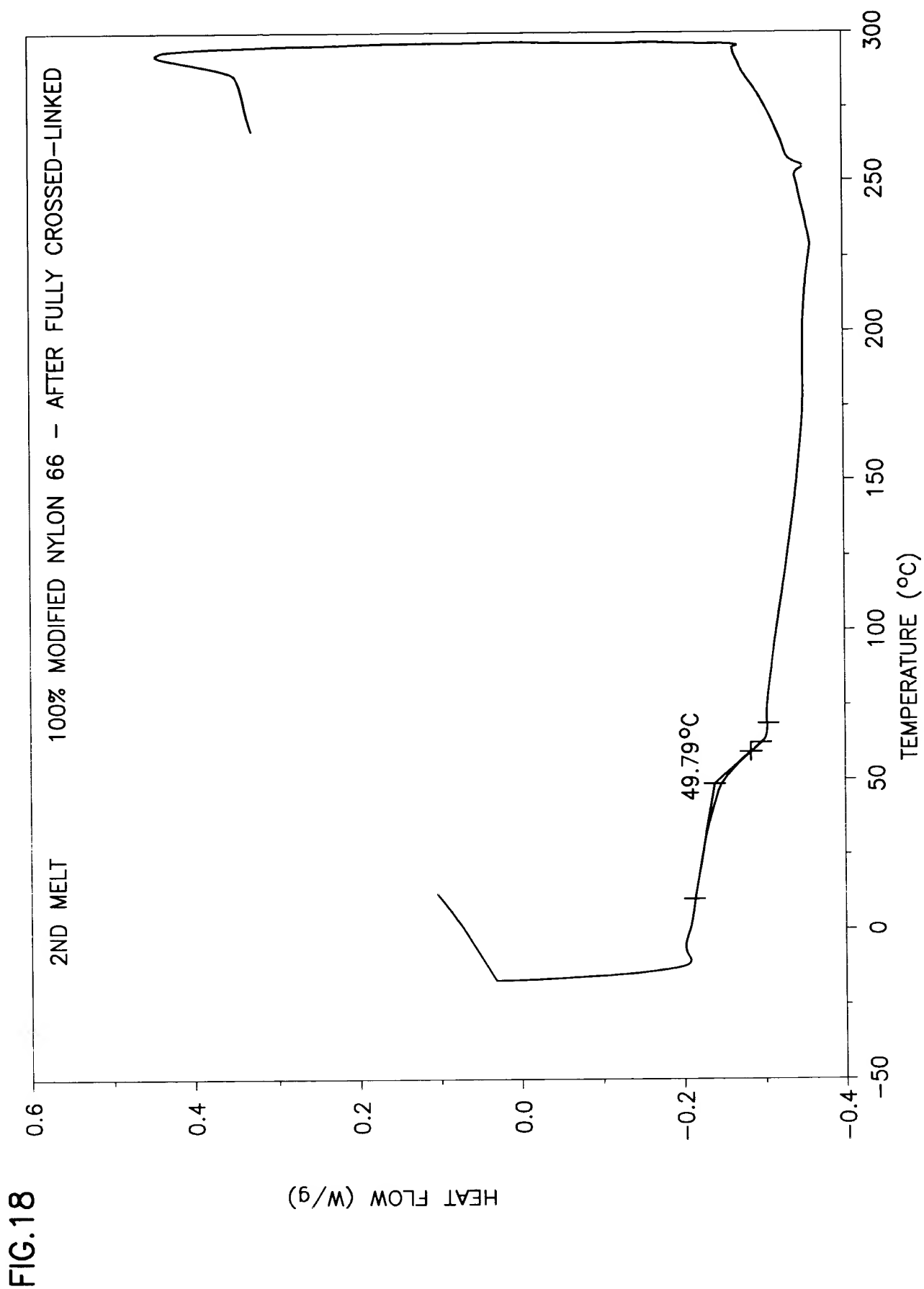


FIG.19

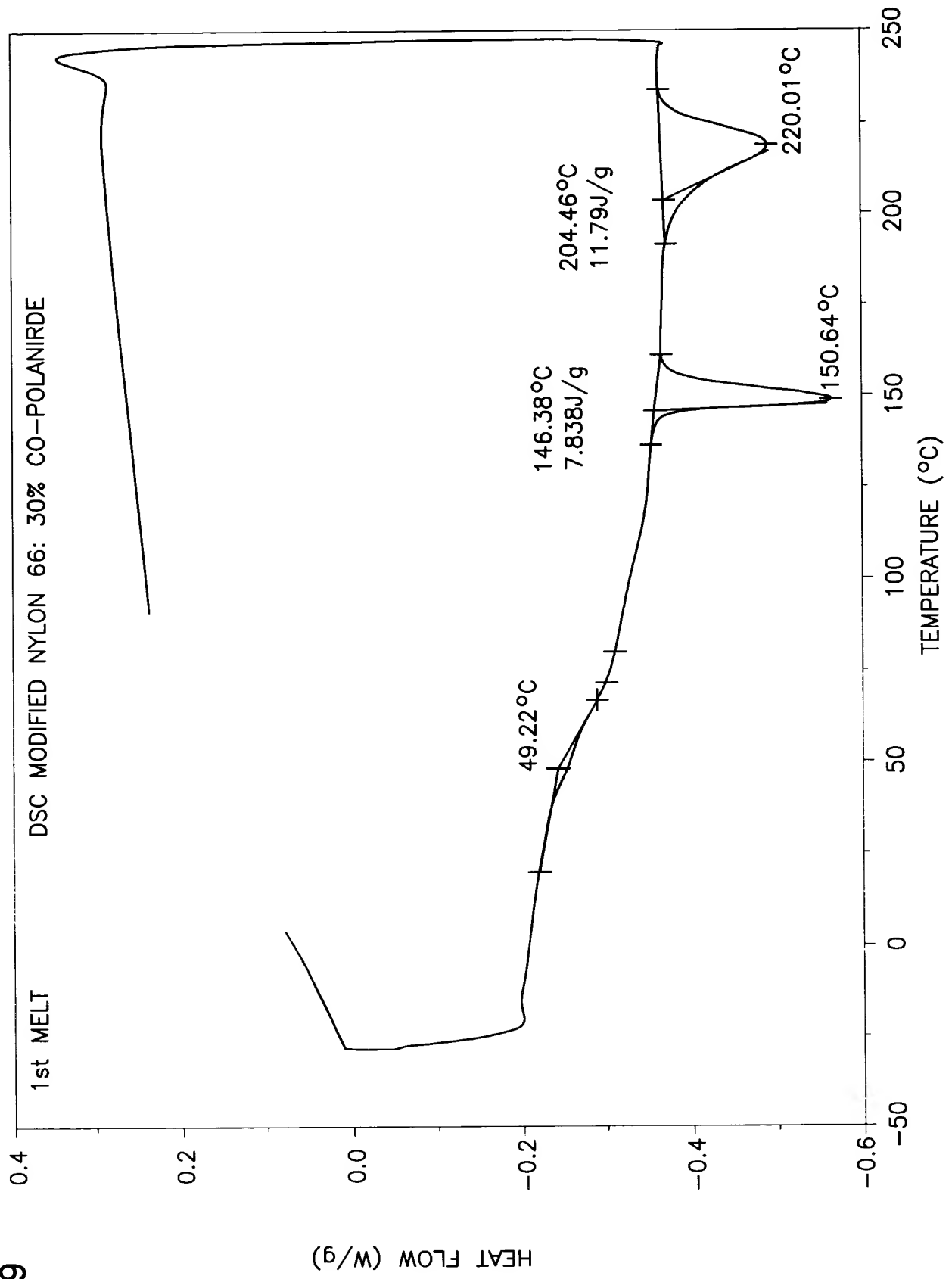
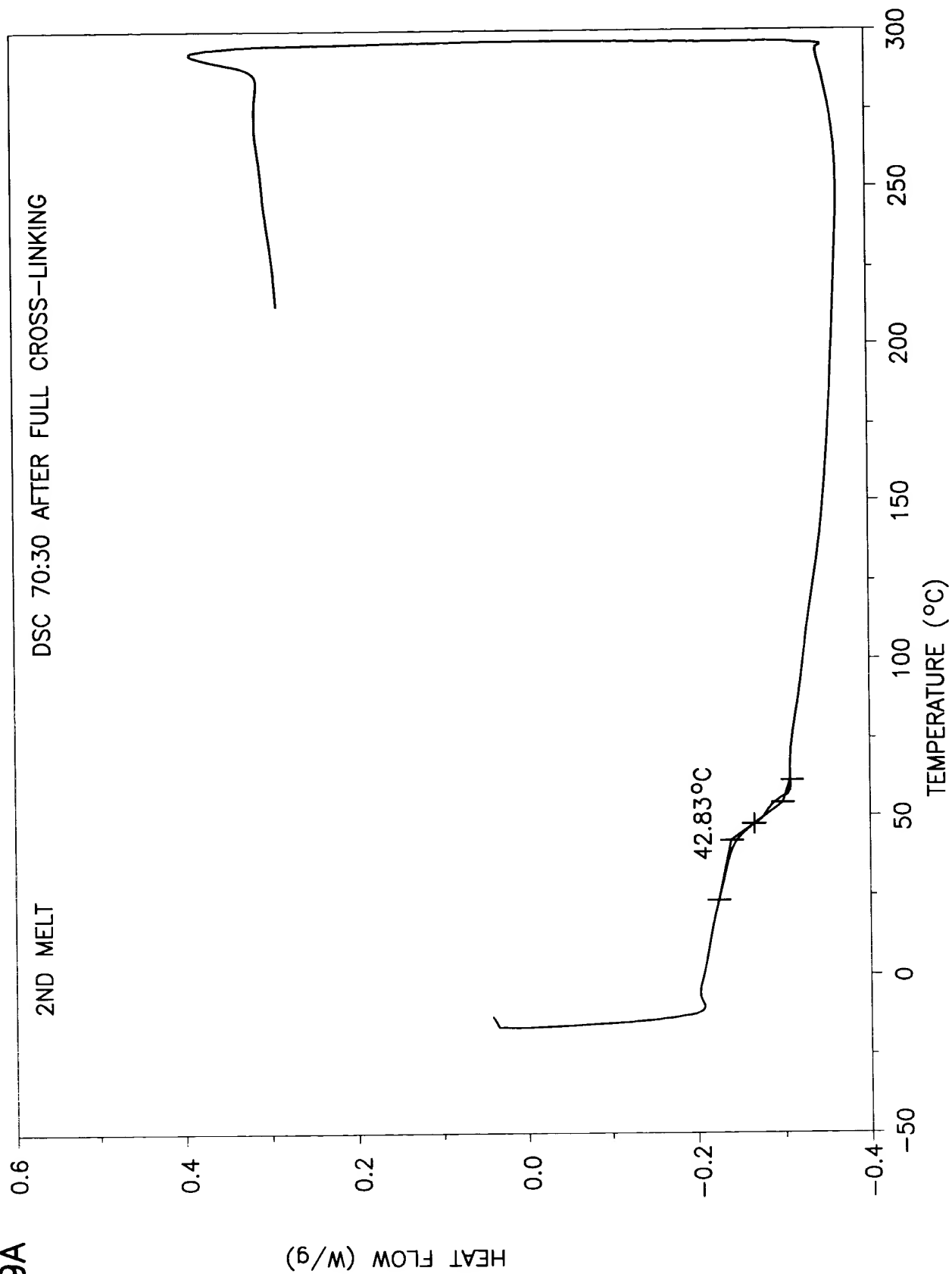


FIG. 19A



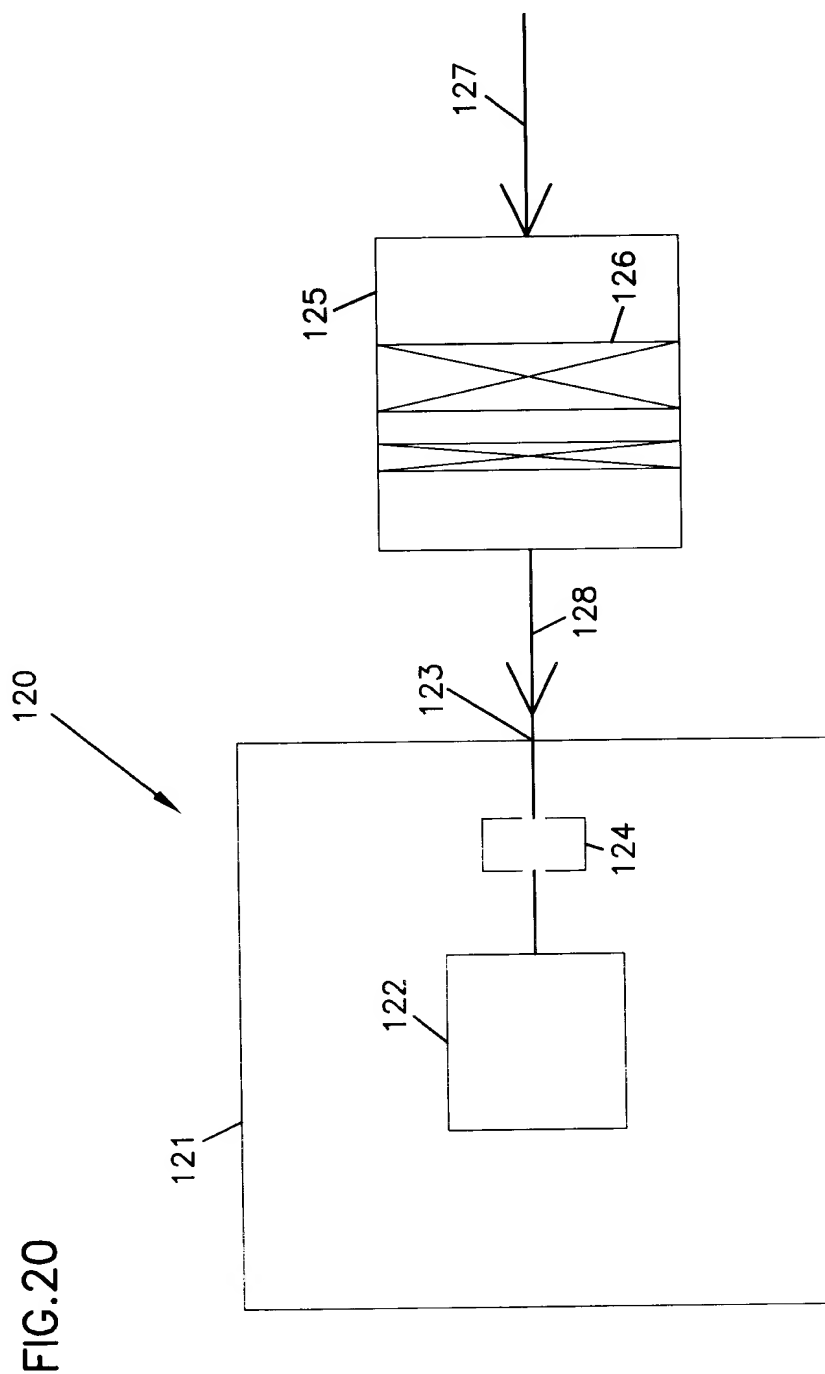


FIG.23

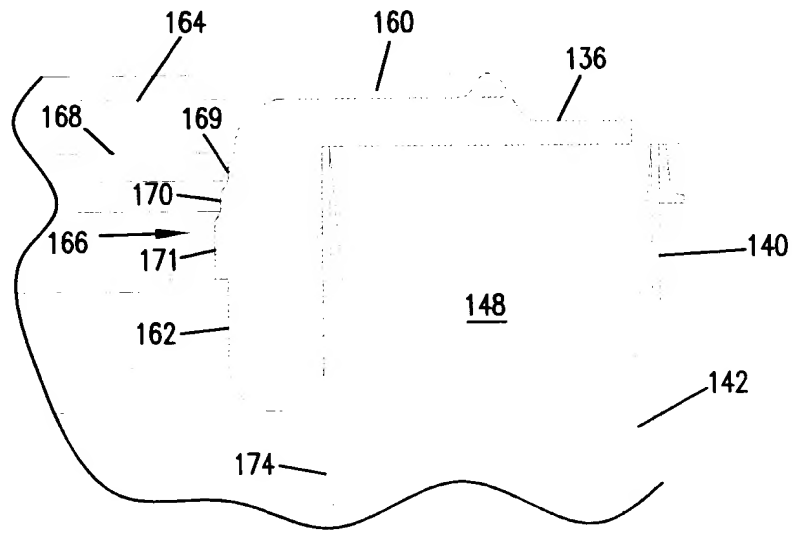


FIG.21

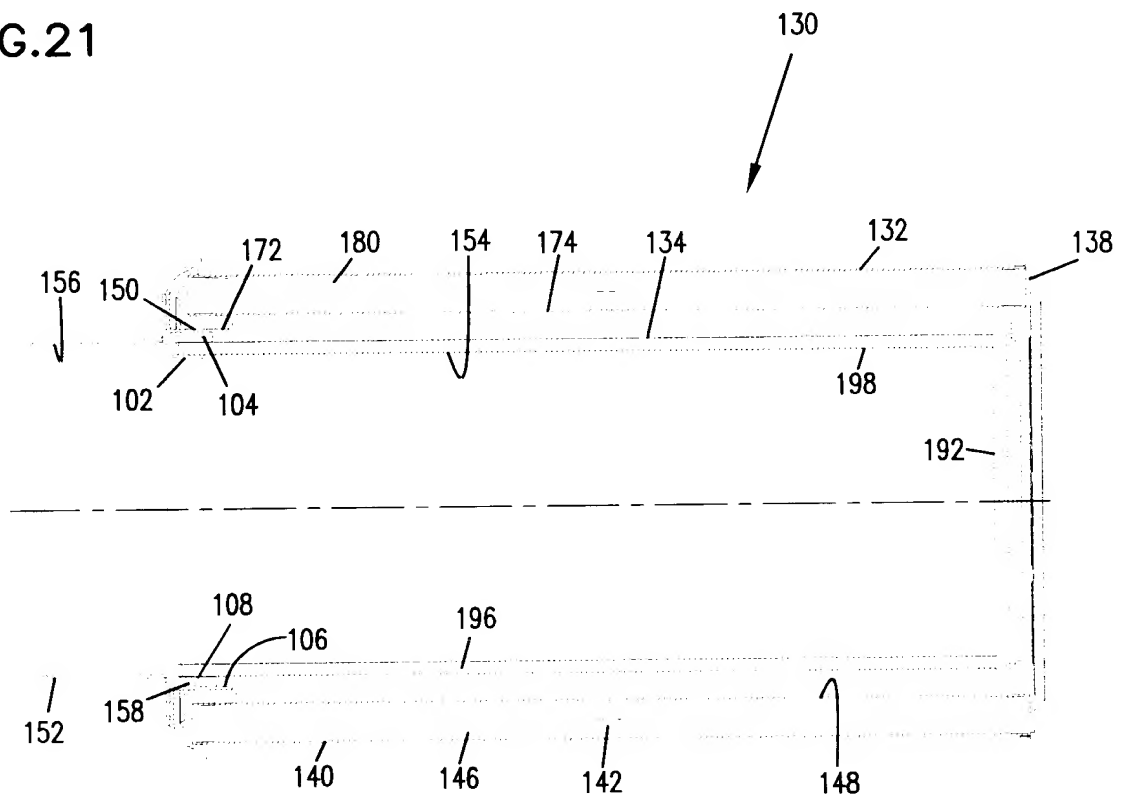


FIG.22

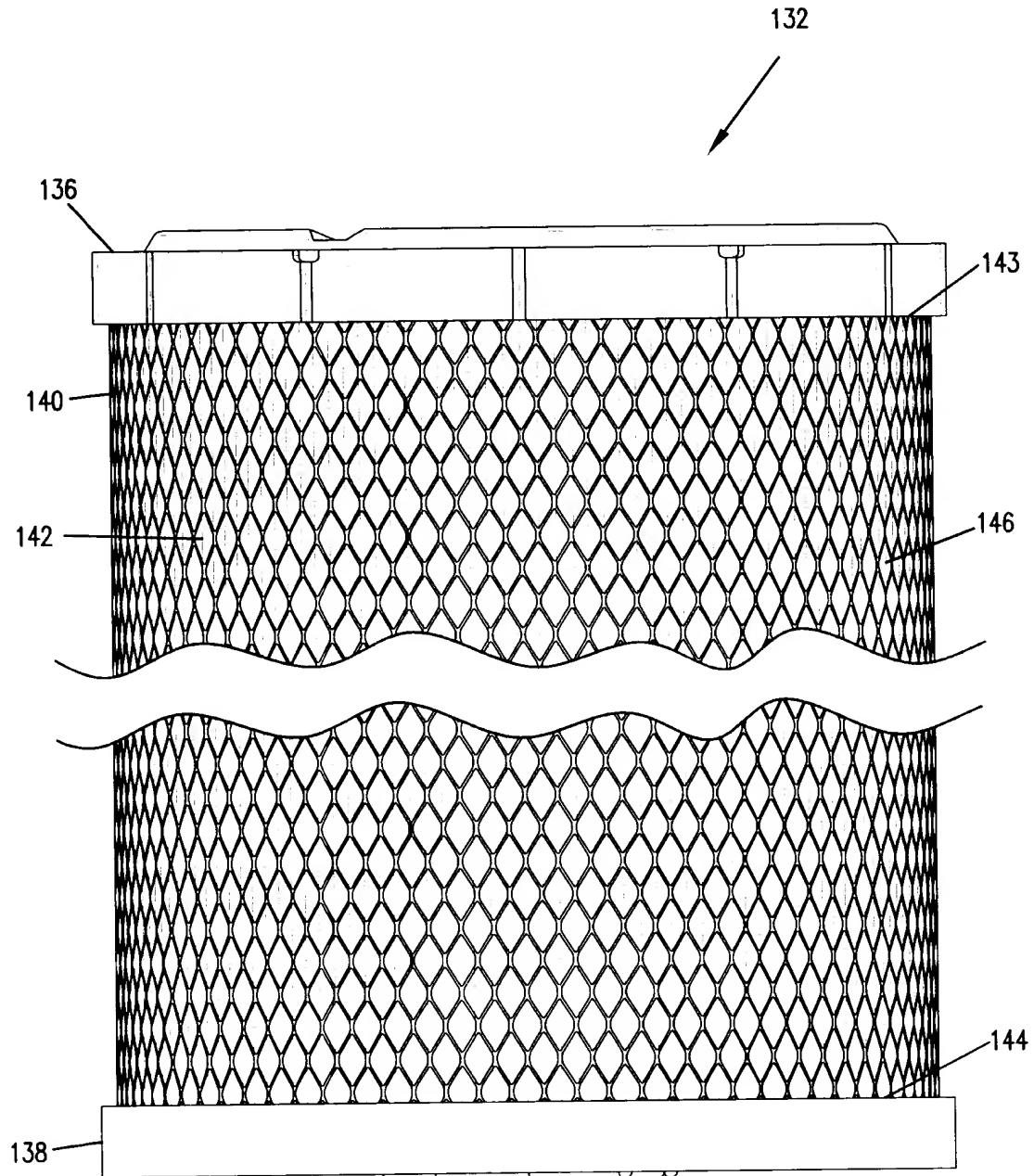


FIG.24

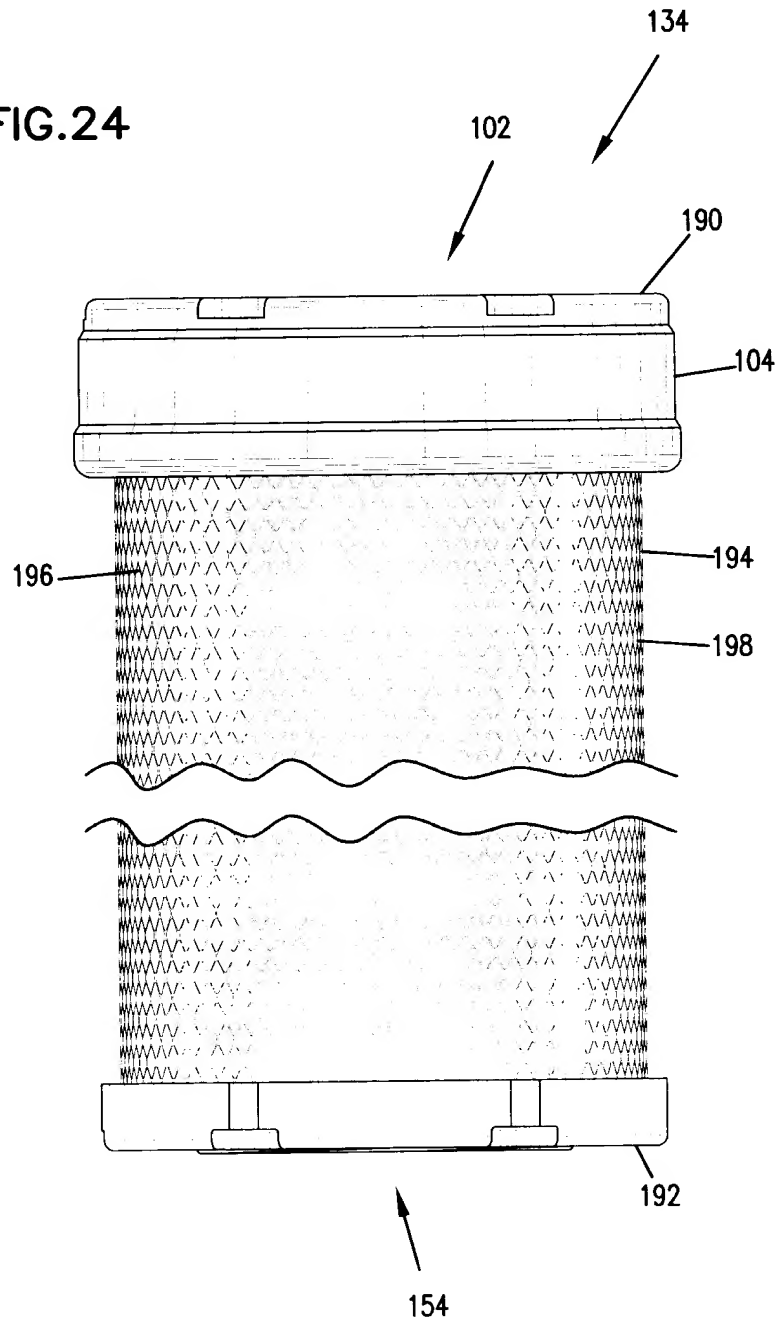


FIG.25

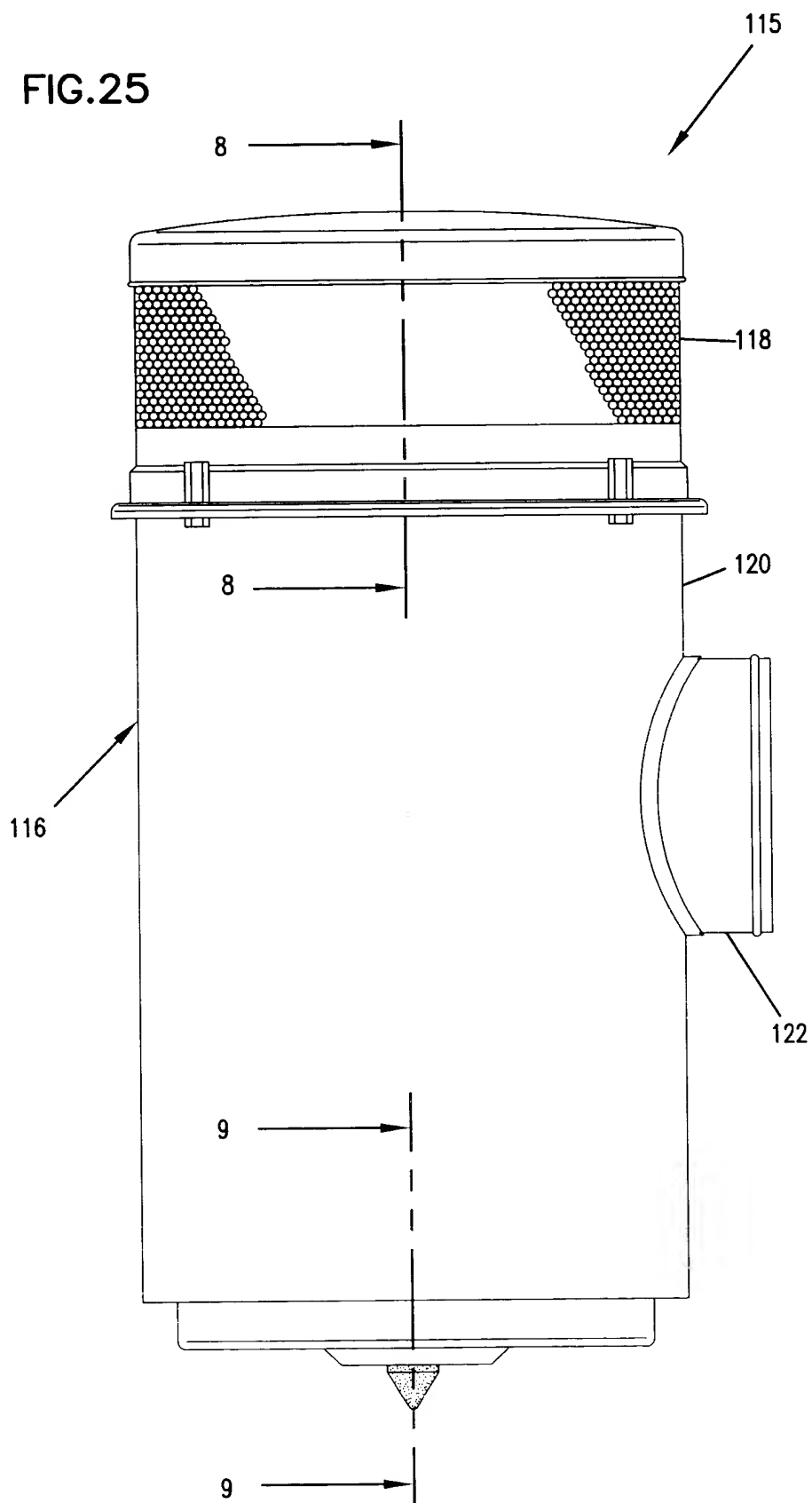
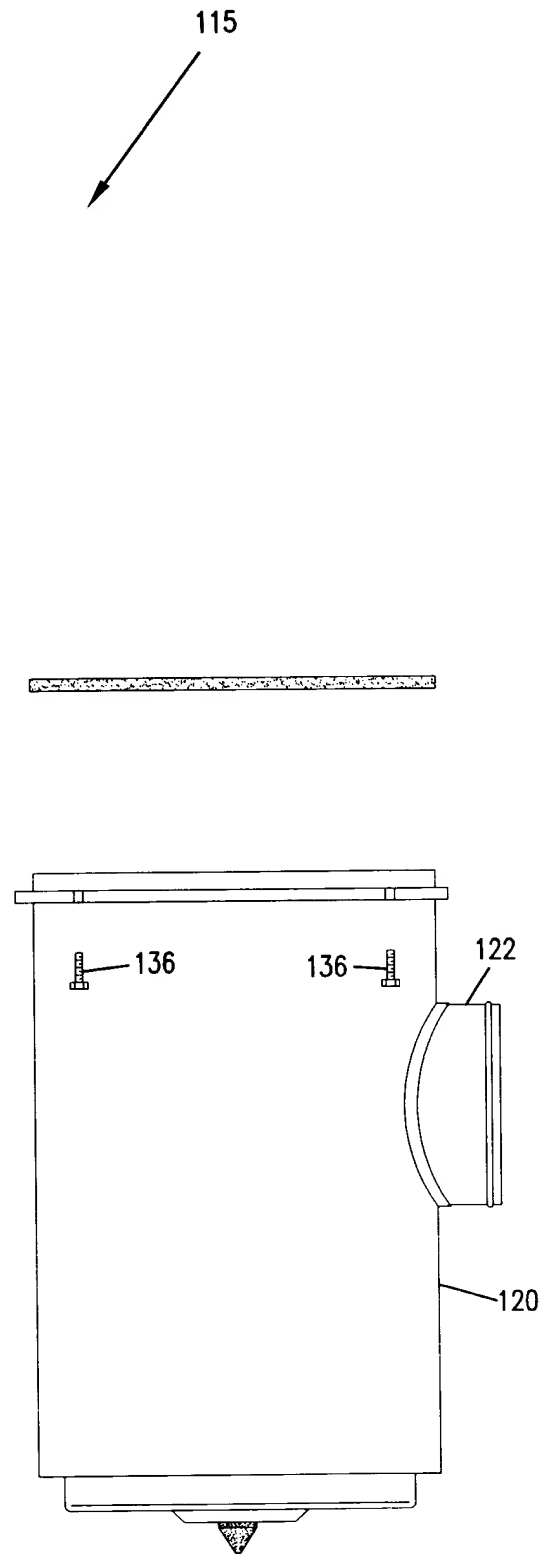
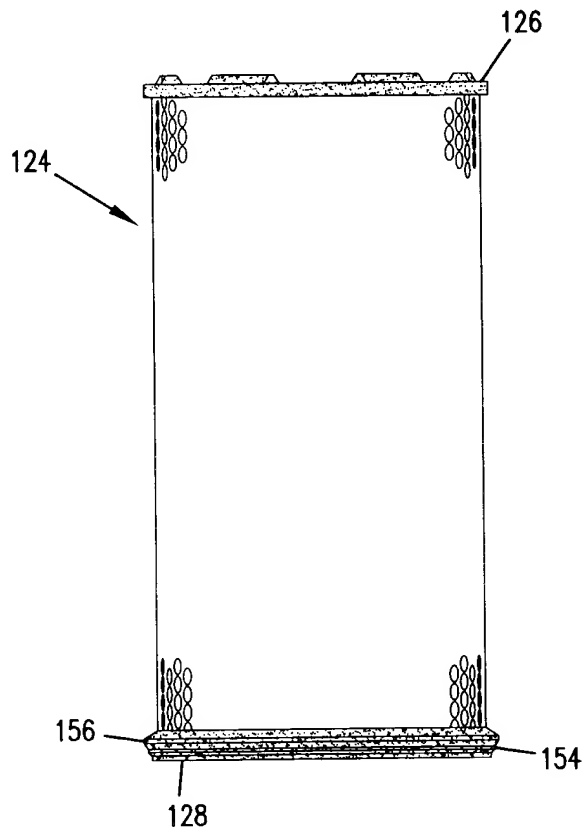
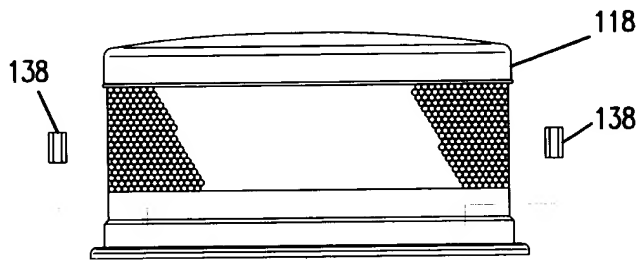


FIG. 26



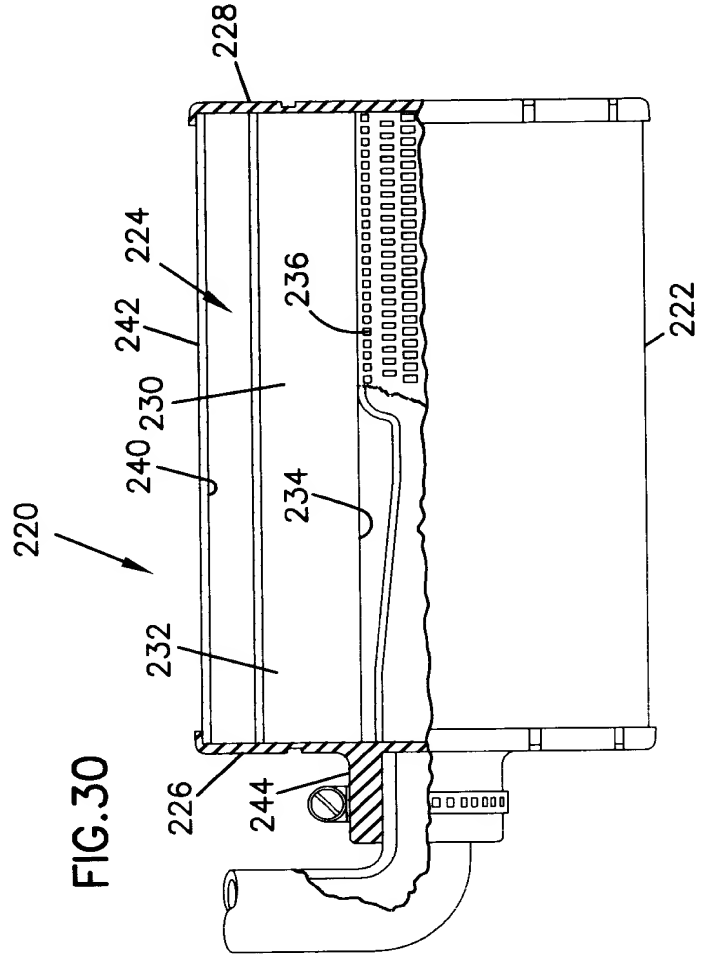
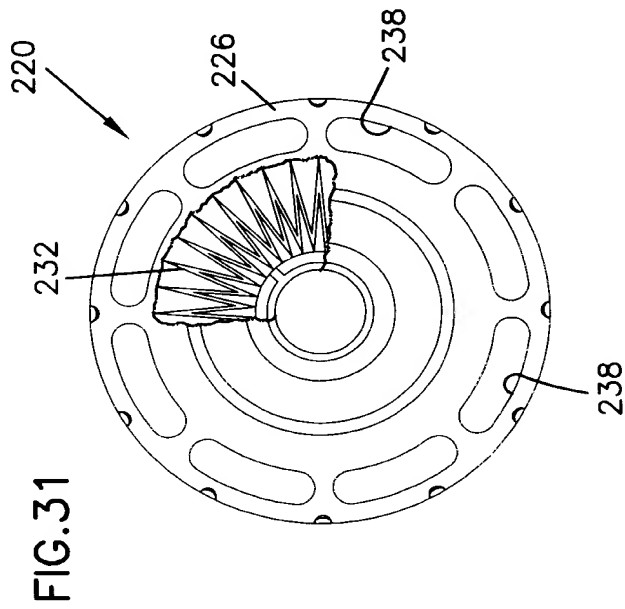
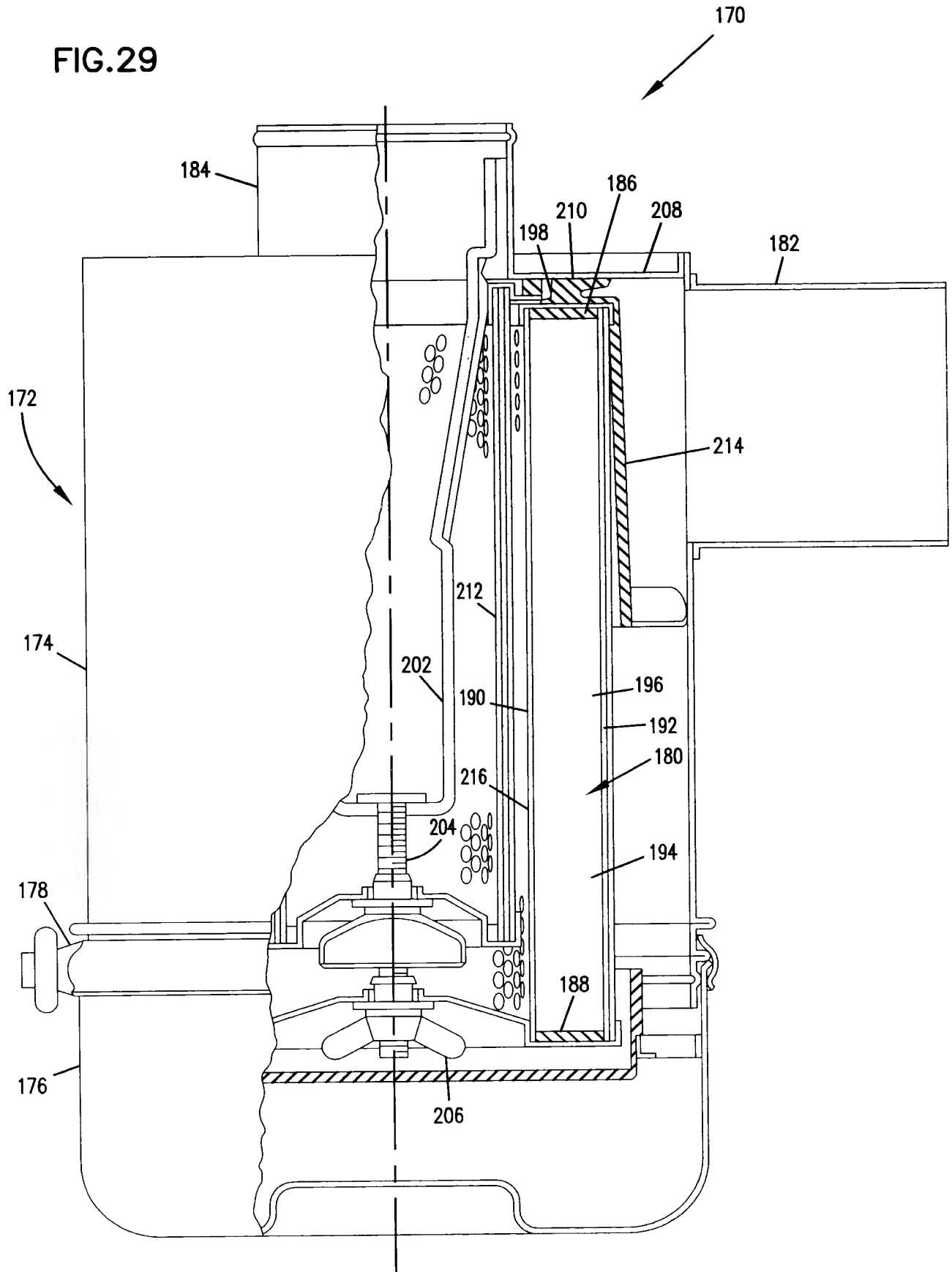


FIG.29



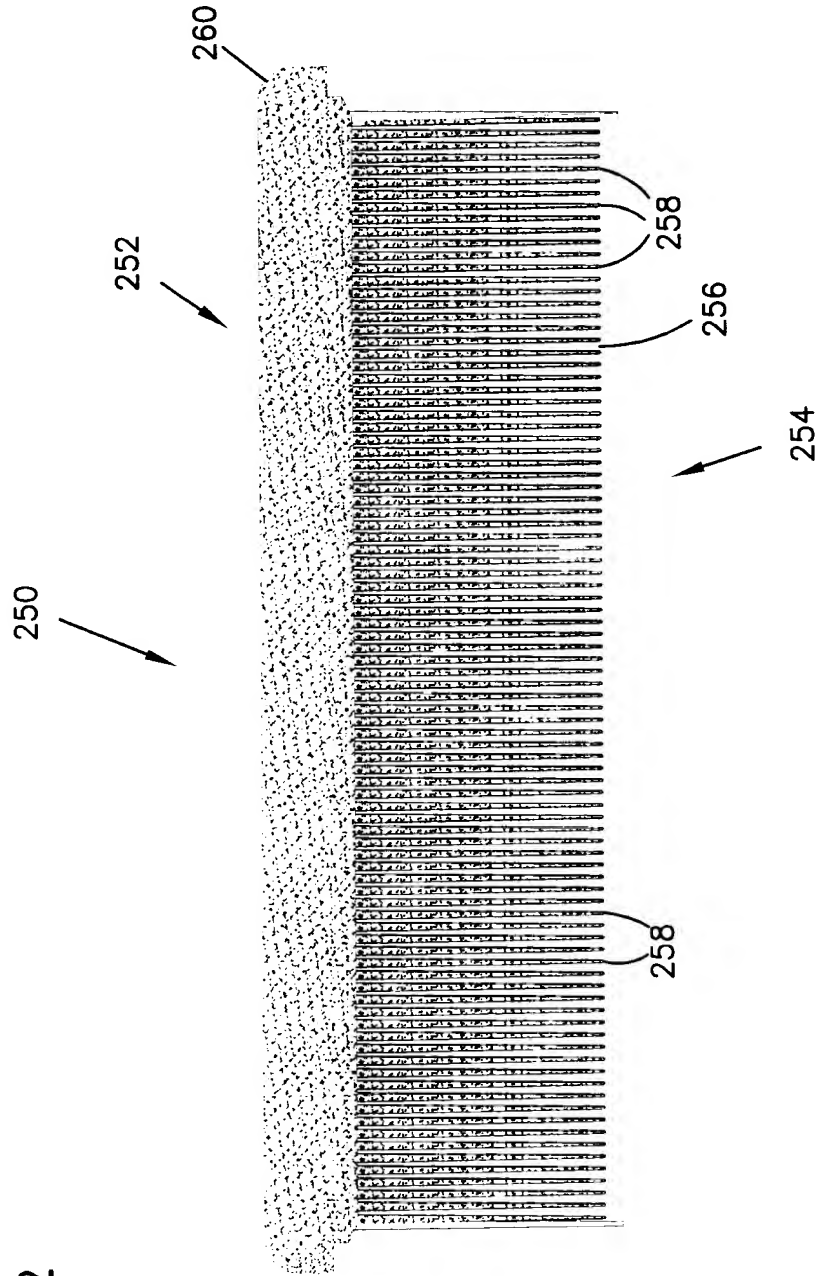


FIG. 32

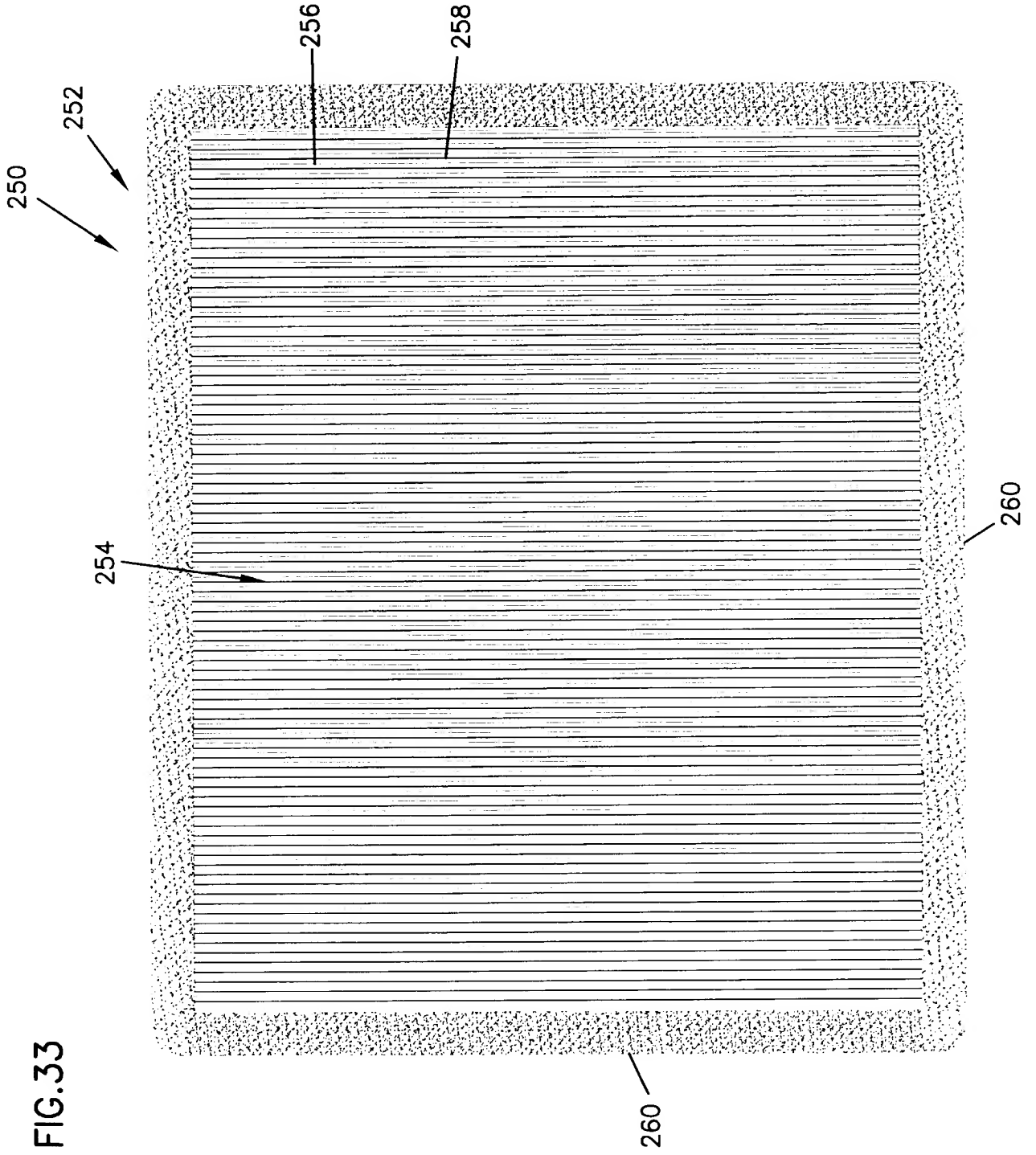
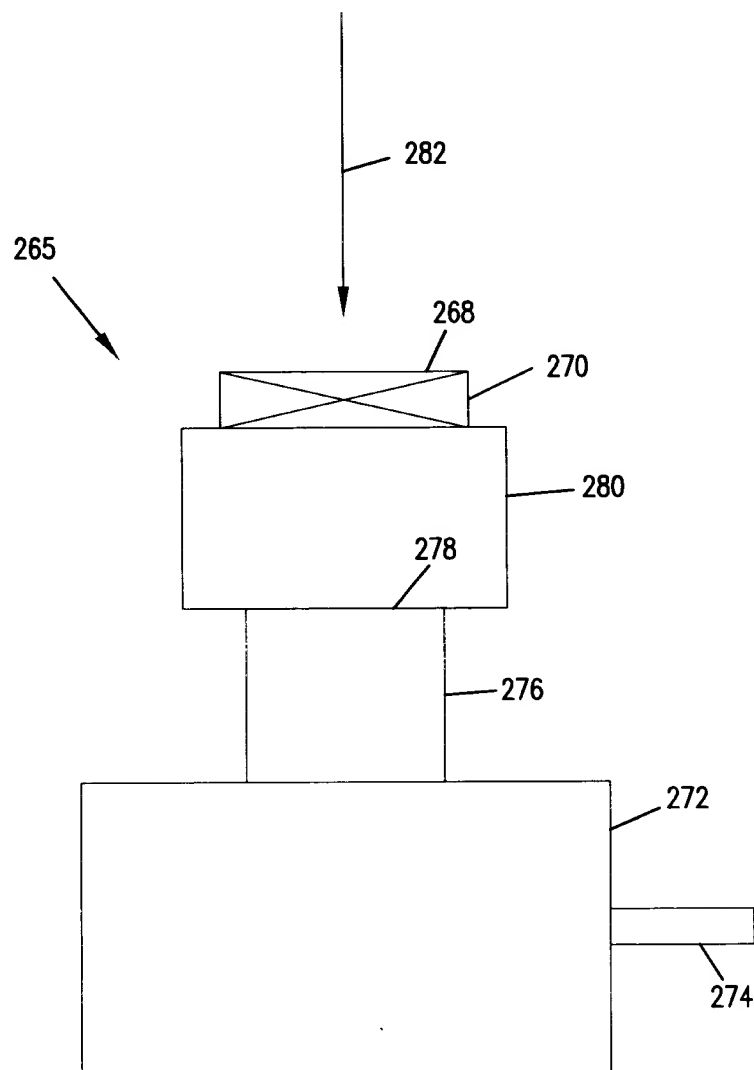


FIG.34



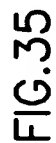


FIG.36

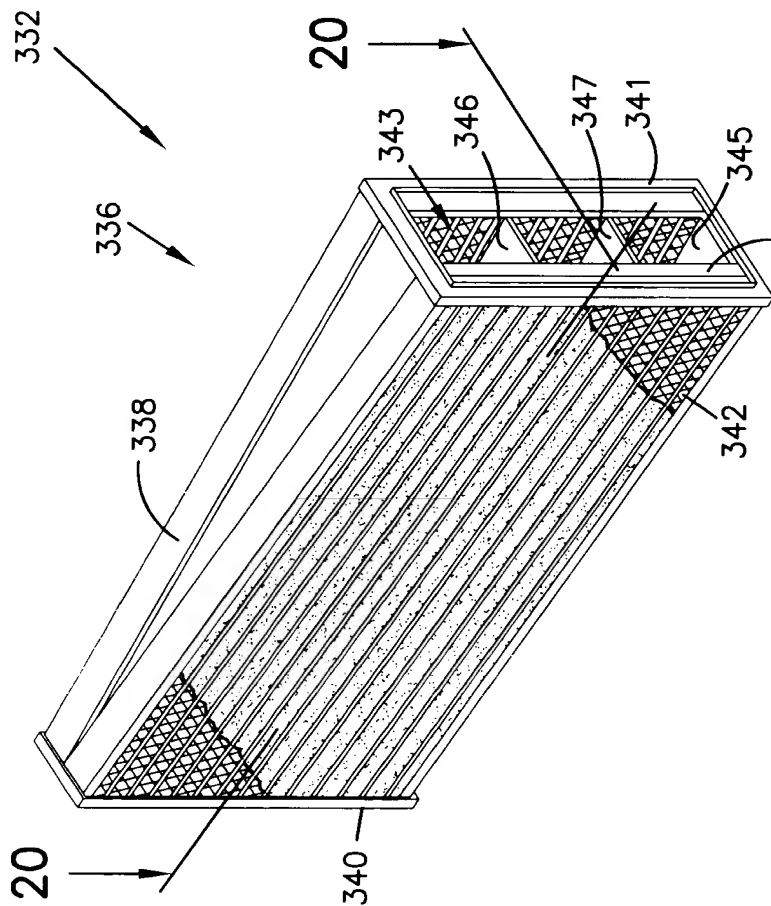
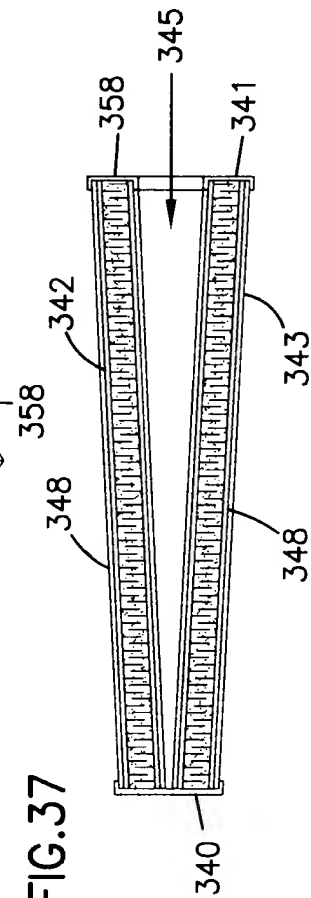


FIG.37



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